



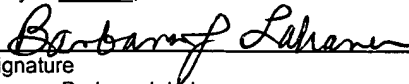
IPW  
3762  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
RESPONSE TRANSMITTAL**

In re Application of:  
Serial No.:  
Filed:

McIntosh et al  
FLUID OXYGENATOR WITH ACCESS PORT  
09/559,452  
04-27-2000

CERTIFICATE UNDER 37 CFR §1.8 I hereby certify that this **Response Transmittal** and the paper(s), as described herein are being deposited with the United States Postal Service, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 16th day of July, 2004.

  
Signature  
Barbara J. Lakanen  
Printed Name

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

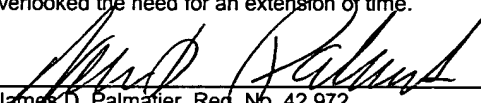
- ☒ Response and Amendment Transmittal  
☒ Associate Power of Attorney  
☒ Response and Amendment-partial to meet noncompliant requirement  
☒ Return Postcard

**FEE CALCULATION:**

FEE CALCULATION	No. of Claims Filed After Amendment	No of Claims Previously paid for	No. of Extra Claims	Rate	Fee
Total Claims	20	25		x 18	
Independent Claims	3	3		x 84	
Multiple Dependent Claims				+ 280	
TOTAL					

- ☒ Applicant hereby petitions for 1 months' extension of time. If an additional extension of time is required, please consider this petition therefor.
- ☐ Please charge Deposit Account No. 13-2546 0.00 for new claims and \$110.00 for extension of time for a **TOTAL OF \$110.00**
- ☒ Please charge any additional fees or credits to Deposit Account No. 13-2546 which may have been overlooked on this Amendment Transmittal with regard to this filing. A duplicate of this transmittal is enclosed.
- ☐ Applicant believes that no extension of time is required. However, if an extension of time is required, please consider this a petition therefor to provide for the possibility that applicant has inadvertently overlooked the need for an extension of time.

7/16/04  
Date

  
James D. Palmatier, Reg. No. 42,972  
Telephone: (763) 391-9295  
Customer No.: 27581



25. (Amended) A fluid oxygenating apparatus comprising:

a housing defining a chamber;

a core positioned within and operatively attached to the housing, the core including a manifold formed therein;

a fiber bundle positioned around the core; and

a bubble release port positioned adjacent between the fiber bundle and a top end of the ~~housing and communicating with~~ a top end of the manifold; wherein fluid is flowed through ~~an inlet of the manifold and out at least one opening formed in a top of the core and through the fiber bundle and through an outlet in the housing~~ while bubbles are released through the bubble release port prior to flowing through the fiber bundle.